

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6024760".pn.	USPAT	OR	OFF	2006/08/22 11:31
S2	49	11/389209 11/362871 11/324234 11/260264 11/229444 11/222809 11/213902 11/205119 11/186809 11/148300 11/137672 11/135466 11/103534 11/090213 11/083024 11/076863 11/076853 10/942124 10/935284 10/933447 10/933377 10/918420 10/890319 10/879359 10/720167 10/700462 10/686481 10/664961 10/658551 10/653233 10/642270 10/617741 10/612991 10/604847 10/452243 10/429025 10/428107 10/360493 10/359822 10/357891 10/347729 10/308211 10/279503 10/263915 10/247023 10/217556 10/199650 10/197970 10/180851 10/160683 09/992343 09/875801 09/873472 09/797431 09/788993 09/707216 09/612640 09/588450 09/564204 09/543538 09/543537 09/541779 09/534289 09/516525 09/467323 09/428189 09/412144 09/411293 09/390152 09/224017 09/179775 09/021465 08/629606 07/882850 07/616991 06/928452 06/724650 06/699152 10/686481 10/802763 10/918420 11/041226 11/247257.app.	USPAT	OR	OFF	2006/08/23 09:39

EAST Search History

S3	105	11/389209 11/362871 11/324234 11/260264 11/229444 11/222809 11/213902 11/205119 11/186809 11/148300 11/137672 11/135466 11/103534 11/090213 11/083024 11/076863 11/076853 10/942124 10/935284 10/933447 10/933377 10/918420 10/890319 10/879359 10/720167 10/700462 10/686481 10/664961 10/658551 10/653233 10/642270 10/617741 10/612991 10/604847 10/452243 10/429025 10/428107 10/360493 10/359822 10/357891 10/347729 10/308211 10/279503 10/263915 10/247023 10/217556 10/199650 10/197970 10/180851 10/160683 09/992343 09/875801 09/873472 09/797431 09/788993 09/707216 09/612640 09/588450 09/564204 09/543538 09/543537 09/541779 09/534289 09/516525 09/467323 09/428189 09/412144 09/411293 09/390152 09/224017 09/179775 09/021465 08/629606 07/882850 07/616991 06/928452 06/724650 06/699152 10/686481 10/802763 10/918420 11/041226 11/247257.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 09:39
S4	25	"5702235" "6340293".pn.	USPAT	OR	OFF	2006/08/23 09:41
S5	24	"5702235" "6340293".prn.	USPAT	OR	OFF	2006/08/23 09:41
S6	0	"570235".pn.	USPAT	OR	OFF	2006/08/23 09:42
S7	1	"5702235".pn.	USPAT	OR	OFF	2006/08/23 09:42
S8	1	"6340293".pn.	USPAT	OR	OFF	2006/08/23 09:42
S9	0	D462403.app.	USPAT	OR	OFF	2006/08/23 11:09
S10	1	D462403.pn.	USPAT	OR	OFF	2006/08/23 11:09
S11	0	417/222.20.ccls.	USPAT	OR	OFF	2006/08/23 15:41
S12	0	417/222.20.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 17:14
S13	564	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/03 14:59
S14	0	("2006/0083625").URPN.	USPAT	OR	OFF	2006/08/23 16:07
S15	0	("2005/0169768").URPN.	USPAT	OR	OFF	2006/08/23 16:12
S16	49	("4606705" "4685866" "4687419" "4702677" "4723891" "4730986" "4737079" "4875832").PN. OR ("5145326").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 17:12

EAST Search History

S17	0	137/251.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 17:12
S18	698	137/251.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 17:12
S19	1547	417/269.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 17:15
S20	5	("20040086391" "5165863" "6244159" "6354811" "6485267"). PN. OR ("6974311").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 17:37
S21	565	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/03 19:53
S22	5462	S21 (("polymide" "polymide film" "polyimide" "polyimide film") and (plurality or composit) and (laminat\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 15:56
S23	1	S21 and (("polymide" "polymide film" "polyimide" "polyimide film") and (plurality or composit) and (laminat\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 15:57
S24	0	S21 and ("polymide" "polymide film")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 15:57
S25	2	S21 and (polyimide) and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:37
S26	1	10/686481.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 16:10
S27	1	S21 and (Kapton Kinel Upilex Upimol VespeI)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:03
S28	0	60/260357.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 17:26
S29	1	10/036514.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 17:27
S30	15	("20020067994" "20020141881" "5145326" "5173032" "5890876" "5964578" "5975859" "6010312" "6059538" "6062823" "6062824" "6102670" "6142445" "6146106" "6352057").PN. OR ("6688853").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:03

EAST Search History

S31	1	S21 and (Kapton)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:03
S32	6	S30 and (diaphragm)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:04
S33	16	("5050840" "5160116" "5261637" "5588590" "5752689" "5856771" "5890876").PN. OR ("6142445").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:30
S34	0	S21 and (poly and diaphragm)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:36
S35	0	S21 and poly and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:37
S36	0	S21 and polyi and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:37
S37	2	S21 and polyimide and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:37
S38	0	S21 and "poly" and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:44
S39	2	S21 and "polymer" and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:38
S40	152	S21 and diaphragm\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:45
S41	6	S40 and film	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 18:45
S42	335	S21 and "crank chamber" and port	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 14:29
S43	57	S42 and (("second port " or "2nd port" near crank))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 19:11
S44	2700	"21" and ("2nd plunger" or "second plunger")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/03 15:00
S45	565	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 21:29

EAST Search History

S46	8	S45 and ("2nd plunger" or "second plunger")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 11:31
S47	565	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/03 19:53
S48	26	("4606705" "5145326" "5173032" "5332365" "5586870" "5702235" "5785502" "5842835").PN. OR ("6010312").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 16:59
S49	0	"5417552".app.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:09
S50	1	"5417552".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:09
S51	44	("1367914" "2160978" "2663492" "3304886" "3498227" "3696710" "3817660" "3851669" "4007663" "4174191" "4226572" "4347778" "4712982" "4723891" "4872814" "4880361" "5174728" "5178521" "5181834" "5201261" "5207078" "5228841" "5232349" "5286173" "5292233" "5304042" "5316446" "5336056" "5342178").PN. OR ("5417552").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:16
S52	44	("1367914" "2160978" "2663492" "3304886" "3498227" "3696710" "3817660" "3851669" "4007663" "4174191" "4226572" "4347778" "4712982" "4723891" "4872814" "4880361" "5174728" "5178521" "5181834" "5201261" "5207078" "5228841" "5232349" "5286173" "5292233" "5304042" "5316446" "5336056" "5342178").PN. OR ("5417552").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:36
S53	1	"6164252".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:36
S54	10	("4175915" "4294139" "4433596" "5113809" "5782219").PN. OR ("6164252").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:36
S55	10	("4175915" "4294139" "4433596" "5113809" "5782219").PN. OR ("6164252").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:37

EAST Search History

S56	230	("0575991" "0748559" "0773206" "0780549" "0812636" "0821546" "0868947" "0876202" "0893181" "0933316" "1038537" "1042018" "1233635" "1255973" "1282179" "1282180" "1300098" "1316679" "1346672" "1355485" "1370927" "1411556" "1520960" "1582076" "1637017" "1679924" "1696676" "1698102" "1732659" "1787493" "1808380" "1814946" "1819137" "1825691" "1844386" "1869440" "1891927" "1895206" "1948827" "1968470" "1978194" "20030046932" "2009495" "2028557" "2042730" "2065790" "2083730" "2097138" "2105019" "2150162" "2152351" "2152811" "2216342" "2216343" "2222294" "2251543" "2257258" "2258127" "2258138" "2278696" "2282721" "2282722" "2341203" "2379119" "2403282" "2424660" "2451455" "2464228" "2475295" "2583564" "2650676" "2737055" "2827792" "2918012" "3007462" "3101621" "3180159" "3182644" "3196698" "3212483" "3257855" "3276276" "3319874" "3357209" "3398699" "3528317" "3528394" "3910242" "3943895" "3945359" "4066049" "4077269" "4152944" "4166398" "4207779" "4209980" "4433596" "4454779" "4497284" "4502427" "4515113" "4516536" "4523549" "4688439" "4727761" "4736715" "4745814" "4869212" "4905637" "4986226" "5007385" "5027755" "5027756" "5083532" "5094195" "5103778" "5113809" "5205718" "5269193" "5273012" "5368449" "5415077" "5437251" "5442971"). PN. OR ("5450823" "5553582" "5564372" "5638778" "5749337" "5752413" "5762039" "5782219" "5904044" "5950580" "5992357" "6003480" "6098578" "6164252" "6202606" "6305334" "6305335" "6390052" "6397794" "6487858"). PN. OR ("6968751").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 18:37
S57	7435	"swash plate"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 18:37

EAST Search History

S58	921	"variable displacement compressor"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 18:37
S59	601	S58 and ("swash plate" and "piston")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 18:37
S60	18	S59 and "linkage"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 18:38
S61	21	("4543043" "4606705" "4960366" "5056416" "5145326" "5173032" "5231914" "5255569" "5529461" "5573379" "5681150" "5702235" "5785502" "6010312").PN. OR ("6244159").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 19:32
S62	7	("4702677" "4875832" "4932843" "4936752" "5165863" "5332365" "5681150").PN. OR ("6394761").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 10:37
S63	5	("20040086391" "5165863" "6244159" "6354811" "6485267"). PN. OR ("6974311").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 12:43
S64	1	"5332365".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 12:46
S65	29	taguchi-yukihiko.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 12:46
S66	27	("4037993" "4171191" "4428718" "4526516" "4606705" "4621983" "4685866" "4688997" "4723891" "4730986" "5071321" "5092741" "5094589" "5145326" "5174727"). PN. OR ("RE35672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 12:51
S67	34	("4037993" "4171191" "4428718" "4526516" "4606705" "4621983" "4685866" "4688997" "4723891" "4730986" "5071321" "5092741" "5094589" "5145326" "5174727"). PN. OR ("5332365").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 17:14
S68	566	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 14:29
S69	336	S68 and "crank chamber" and port	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 14:29
S70	20	("1780442" "2019724" "2316066" "2328824" "2577902" "2983111" "3803863" "3818717" "3977207" "4342199").PN. OR ("4531378").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 14:56

EAST Search History

S71	179012	"21" and ("c-shaped" or "annular") and (guide)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 14:57
S72	163	S68 and ("c-shaped" or "annular") and (guide)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 15:31
S73	4	S68 and ("c-shaped" or "annular") near (guide)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 14:59
S74	4	("3471119" "5890876" "6213445"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 15:01
S75	0	S68 and (annular or ring) near (guide or position\$3 or fasten\$3) same plunger	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 15:33
S76	381	S68 and bearing	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 15:38
S77	211	S76 and (annular or c-shaped)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 15:39
S78	141	S77 and guide	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 15:43
S79	3	S68 and c-ring	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:06
S80	3	S68 and "c-ring"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:08
S81	211	S68 and "c-"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:10
S82	10	S68 and ("c-" with "guide")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:13
S83	2320	("c-shaped" or "c-ring") with bearing	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:14
S84	1286347	("c-shaped" or "c-ring") ady bearing	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:14
S85	3065141	j	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:14

EAST Search History

S86	184	("c-shaped" or "c-ring") adj bearing	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:14
S87	1015314	S86 and control valve	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:14
S88	6	S86 and "control valve"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:14
S89	21	("4702677" "4723891" "4732544" "5145326").PN. OR ("5205718").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 16:25
S90	0	("2006/0165536").URPN.	USPAT	OR	OFF	2006/10/10 16:54
S91	2	S68 and ("semi-circular" and (bracket or guide))	USPAT	OR	OFF	2006/10/10 16:56
S92	1	S68 and ("semi-circular" and (bracket))	USPAT	OR	OFF	2006/10/10 16:56
S93	2	S68 and ("semi-circular" and (guide))	USPAT	OR	OFF	2006/10/10 16:57
S94	5	S68 and ("semi-circular")	USPAT	OR	OFF	2006/10/10 16:59
S95	70	S68 and ("o-ring")	USPAT	OR	OFF	2006/10/10 16:59
S96	12	("4669272" "4886423" "4932843" "5025636" "5201189" "5205718" "5577894" "5653119" "6119473" "6234763").PN. OR ("6332329").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 17:33
S97	91	S68 and "snap ring"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 17:53
S98	1	S68 and "c-clip"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 18:19
S99	0	S68 and "c with bracket"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 18:28
S10 0	0	S68 and c with bracket	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 18:20
S10 1	10	("4932843" "5588807" "5964578" "5971716" "6010312" "6036447" "6059538" "6126405" "6162026" "6164925").PN. OR ("6257836").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 18:20
S10 2	37	S68 and "bracket"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 18:28
S10 3	8	("4815358" "5387091" "5797730" "Re32403").PN. OR ("6280152"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 18:40

EAST Search History

S10 4	567	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 19:32
S10 5	0	S104 and (("diaphragm" and "pressure-sensing") with layers)	USPAT	OR	OFF	2006/10/12 19:32
S10 6	0	S104 and (("diaphragm" and "pressure-sensing") with layers)	USPAT	OR	OFF	2006/10/12 19:32
S10 7	0	S104 and ((diaphragm and pressure-sensing) with layer\$3)	USPAT	OR	OFF	2006/10/12 19:33
S10 8	0	S104 and ((diaphragm and pressure-sensing) and layer\$3)	USPAT	OR	OFF	2006/10/12 19:34
S10 9	0	S104 and (diaphragm and pressure-sensing and layer\$3)	USPAT	OR	OFF	2006/10/12 19:34
S11 0	3	S104 and (diaphragm and layer\$3)	USPAT	OR	OFF	2006/10/12 19:36
S11 1	111	S104 and (diaphragm)	USPAT	OR	OFF	2006/10/12 21:35
S11 2	12	("4752189" "4932843" "5318410" "5332365" "6192699" "6231727"). PN. OR ("6334759").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 19:52
S11 3	18	("4747753" "4778348" "4780059" "4780060" "4842488").PN. OR ("4940393").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 20:20
S11 4	1	"5648109".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 20:21
S11 5	29	("3614811" "3938361" "4079613" "4163378" "4475976" "4559797" "4576776" "4608220" "4658618" "4676086" "4693103" "4715923" "4765166" "4875962" "5037599" "5108532" "5139405" "5145621" "5156795" "5173314" "5328540" "5380480" "5468331").PN. OR ("5648109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 20:22
S11 6	7	("5145326" "5762476" "6164925" "6192699" "6213727" "6302656" "6334759").PN. OR ("6746214").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 20:28
S11 7	155	S104 and ((diaphragm or "pressure sensing" or "pressure-sensing") and "control valve")	USPAT	OR	OFF	2006/10/12 20:40
S11 8	567	417/222.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 21:29
S11 9	150	S118 and "polyimide" or "superpolymer"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 21:30

EAST Search History

S12 0	8	S119 and "control valve"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 21:30
S12 1	329	S104 and "control valve"	USPAT	OR	OFF	2006/10/12 21:35
S12 2	246	S121 and "variable displacement" with "compressor"	USPAT	OR	OFF	2006/10/12 21:35
S12 3	93	S122 and ("pressure sensing" or "pressure-sensing")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/12 21:36